

## Recombinant Anti-LCAT Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA4371	Rabbit	H, M, R	WB, IH
<b>Description</b>	Recombinant rabbit monoclonal antibody to LCAT		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within human LCAT. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of LCAT protein		
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	LCAT		
<b>Alternative Names</b>	Phosphatidylcholine-sterol acyltransferase; Lecithin-cholesterol acyltransferase; Phospholipid-cholesterol acyltransferase		
<b>Entrez Gene</b>	3931 (Human); 16816 (Mouse)		
<b>SwissProt</b>	P04180 (Human); P16301 (Mouse); P18424 (Rat)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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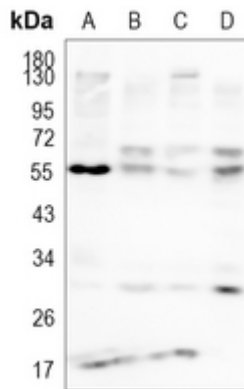
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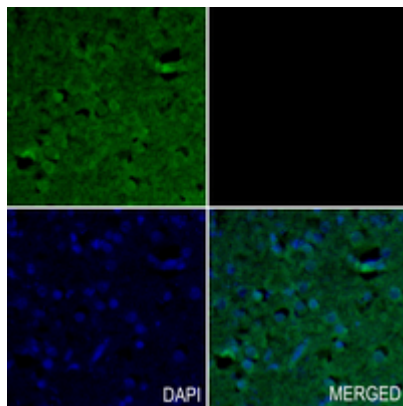
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## Product Data Sheet



Western blot analysis of LCAT expression in K562 (A), mouse liver (B), mouse muscle (C), rat liver (D) whole cell lysates. (Predicted band size: 49 kD; Observed band size: 55 kD)



Immunohistochemical analysis of LCAT staining in human Brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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